# CLAIMS

What is claimed is:

1. A refrigerating apparatus, in particular for the cooling of refrigerating spaces, comprising:

two alternately activatable heat exchangers of a coolant circuit, and at least one fan for the blowing of gas, in particular air, through the heat exchangers, wherein the heat exchangers are arranged such that they can each be flowed through by a total gas flow of the fan at least upon activation.

2. A refrigerating apparatus in accordance with claim 1, wherein the heat exchangers include at least one of an evaporators and a cooler.

3. A refrigerating apparatus in accordance with claim 1, wherein the two heat exchangers are arranged behind one another in the direction of flow.

4. A refrigerating apparatus in accordance with claim 3, wherein a first heat exchanger is arranged in front of the at least one fan in the direction of flow and a second heat exchanger is arranged behind the at least one fan in the direction of flow.

5. A refrigerating apparatus in accordance with claim 1, wherein both heat exchangers are arranged in front of the at least one fan in the direction of flow.

6. A refrigerating apparatus in accordance with claim 1, wherein both heat exchangers are arranged behind the at least one fan in the direction of flow.

7. A refrigerating apparatus in accordance with claim 1, wherein the heat exchangers are arranged freely to be one of in front of the at least one fan and behind the at least one fan.

8. A refrigerating apparatus in accordance with claim 1, wherein gas conducting passages are arranged between the at least one fan and the heat exchangers.

9. A refrigerating apparatus in accordance with claim, wherein the at least one fan and the heat exchangers are arranged inside gas conducting passages.

10. A refrigerating apparatus in accordance with claim 1, wherein the at least one fan and the heat exchangers are arranged in a common housing.

11. A refrigerating apparatus in accordance with claim 10, wherein gas conducting passages are connectable to the housing at least at a gas outlet side.

12. A refrigerating apparatus in accordance with claim 1, wherein the at least one fan is provided with a reversible blowing direction.

13. A refrigerating apparatus in accordance with claim 1, wherein the different directions of throughflow of the heat exchangers is realized by valve-controlled fluid guides.

14. A refrigerating apparatus in accordance with claim 13, wherein the at least one fan includes a blow side that can be alternately connected to the first or second heat exchangers via switchover valves and corresponding gas conducting passages, whose suction side can be connected to the respectively other heat exchanger.

15. A refrigerating apparatus in accordance with claim 13, wherein the at least one fan includes a suction side that is connected to the inlet opening and a blowing side that is alternately connected to one of the first and the second heat exchangers; and in that the respectively other heat exchanger is connected to the one heat exchanger, on the one hand, and to the outlet opening, on the other hand.

16. A refrigerating apparatus in accordance with claim 13, wherein two fans are provided, which are arranged in opposite senses and parallel to one another and which are each connected to the two heat exchangers via gas conducting passages and which are alternately activatable.

17. A refrigerating apparatus in accordance with claim 16, wherein the respectively non-active branch can be closed via a valve.

18. A refrigerating apparatus in accordance with claim 1, wherein an inlet opening (11) and an outlet opening of the apparatus are each formed by the same opening irrespective of the throughflow direction of the heat.

19. A refrigerating apparatus in accordance with claim 18, wherein the inlet opening and the outlet opening are always arranged on the same side of the apparatus, in particular next to one another.

20. A refrigerating apparatus in accordance with claim 1, wherein fluid guides (18) extend in different planes at least sectionally.

21. A refrigerating apparatus in accordance with claim 20, wherein the fluid guides extend one of over and beneath one another, and next to one another.

22. A refrigerating apparatus in accordance with claim 20, wherein a cross-section of the fluid guides is different in different sections.

23. A refrigerating apparatus in accordance with claim 22, wherein the cross-section of the fluid guides in the region of the heat exchangers is larger, in particular in a ratio of approximately 2 : 1, than before or behind them.

24. A refrigerating apparatus in accordance with claim 1, wherein at least one radial fan is provided as the at least one fan.

25. A refrigerating apparatus in accordance with claim 1, wherein at least one filter is provided in one of gas conducting passages and a fan housing.

26. A refrigerating apparatus in accordance with claim 25, wherein at least one rotary filter is provided which can be rotated in dependence on the gas flow direction.

27. A refrigerating apparatus in accordance with claim 25, wherein at least one roll filter is provided.

28. A refrigerating apparatus in accordance with claim 27, wherein the roll filter is made as a disposable filter.

29. A refrigerating apparatus in accordance with claim 27, wherein the roll filter can be wound on and off cyclically in dependence on the gas flow direction.

30. A refrigerating apparatus in accordance with claim 29, wherein the roll filter can be further rotated by at least twice the roll filter length if required.

31. A refrigerating apparatus in accordance with claim 1, wherein at least one pressure measuring device, in particular a pressure gage, is arranged in one of gas conducting passages and a fan housing.

32. A refrigerating apparatus in accordance with claim 31, wherein the at least one pressure measuring device serves for the determination of the degree of icing of a heat exchanger.

33. A refrigerating apparatus in accordance with claim 31, wherein the at least one pressure measuring device serves for the determination of the necessity of a filter change.

34. A refrigerating apparatus in accordance with claim 1, wherein means are provided which trigger one of a filter change and a further rotation of a roll filter after the end of a predetermined time and indicate the necessity of such a measure.

35. A refrigerating apparatus in accordance with claim 1, wherein means are provided by which a reversal of the direction of flow of the gas through the heat exchangers is triggered in dependence on a predetermined time.

36. A refrigerating apparatus in accordance with claim 1, wherein means for sterilization are provided in one of gas conducting passages and a fan housing, in particular in a region of an outlet opening.

37. A refrigerating apparatus in accordance with claim 36, wherein means for sterilization by means of UV rays or ionization are provided.

38. A refrigerating apparatus in accordance with claim 36, wherein means are provided for the injection of disinfectant such as fruit acid.

39. A refrigerating apparatus in accordance with claim 1, wherein a control for activation of the heat exchangers is provided which permits an overlapping operation.

40. A refrigerating apparatus in accordance with claim 39, wherein the control permits a regulation of the gas humidity.

41. A refrigerating apparatus in accordance with claim 1, wherein noise attenuation devices are arranged in one of a fan housing and gas guides.

42. A refrigerating apparatus in accordance with claim 1, wherein a speed of rotation of the at least one fan can be regulated.

43. A refrigerating apparatus in accordance with claim 1, wherein the housing has a plurality of chambers which are each accessible via their own access opening, in particular a door.

44. A refrigerating apparatus in accordance with claim 1, wherein each chamber has its own condensate drain.

45. A refrigerating apparatus in accordance with claim 1, wherein a lighting device is provided in a housing.